

FOLIO

MacEachran Collection: Oriental Drawings

These Japanese works of art come from the Dr. J.M. MacEachran Collection. Dr. MacEachran, who was an avid art collector, joined The University of Alberta in 1909. He headed the Department of Philosophy and Psychology and later became the first Provost of the University. He retired in 1945. Upon his death in 1971, at the age of ninety-four, he bequeathed a large, fine and decorative art collection to the University.

The dealer who sold this Japanese collection to Dr. MacEachran prior to World War I wrote that, at one time, it was a gift from the Emperor of China to an Englishman in the diplomatic corps for "valued services." This rather romantic account lends an aura of mystery and importance to the paintings and drawings, but there is no proof to substantiate this claim. University Collections has attempted to identify these Japanese works of art and its research is not yet concluded. University Collections is currently awaiting word from the National Museum in Tokyo, where photographs of the collection have been sent for possible positive identification.

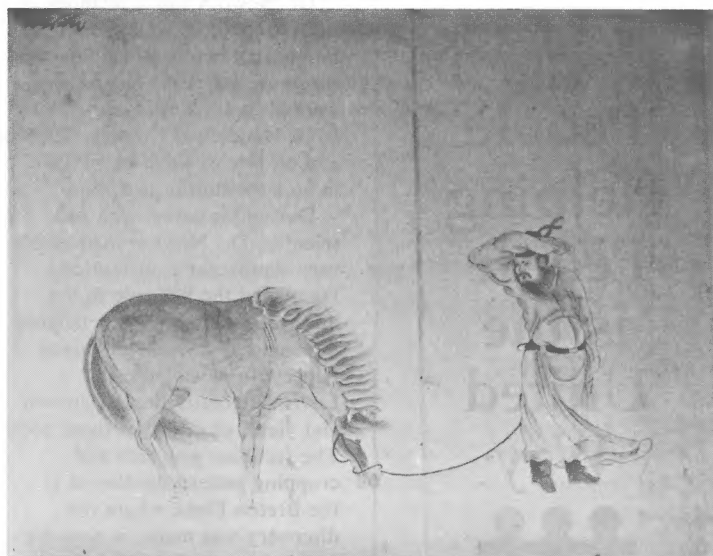
Various scholars who have viewed the collection believe it dates from the late 18th or early 19th century, and that all the pictures are contemporaneous. The works appear to be executed by artists trained in the Kano school style of painting. Interestingly, seven landscapes bear the signature of Kano Tan'yu

(1602-74), founder of the Edo branch of the Kano school. The scenes depicted are from the Chinese series called "Eight Views of the Hsiao and Hsiang," and are painted "in the manner of four Southern Sung masters." The scholar who remarked on this signature doubts this is truly Tan'yu's hand. Rather, she believes the drawings "to be 18th century copies at best, of Tan'yu's sketches and possibly reworkings of these ideas."

The handscroll depicts hunting scenes with "tartar" warriors. The drawings comprising the scroll "are copies, much removed, of some Chinese painting." Although the scenes are traditionally Chinese, Japanese



Robert McCarroll,
conservator, at work.



An oriental drawing from the Dr. J.M. MacEachran Collection.

painters of the Edo period often imitated such scenes. Regardless of their provenance, these paintings, drawings, and scroll are skillful, delightful works of art which have never previously been exhibited. The continuing research into their history adds a dimension of scholarship and challenge to this quest for a definitive answer regarding their origins. Such material is, therefore, ideally suited for a University collection.

The works were badly in need of repair and, until properly conserved, were not accessible for exhibit, study, or research. Thus, in February 1980, University Collections approached the Alma Mater Fund of The University of Alberta for financial assistance. The Alma Mater Fund generously allocated the money required to treat Dr. MacEachran's Japanese collection.

Robert A. McCarroll, a pro-


fessional conservator from Montreal, with special expertise in the area of Oriental works on paper, was contracted to conserve the collection. Mr. McCarroll's dedication and skill, and the Alma Mater Fund's generosity have contributed significantly to the mounting of this exhibition.

Following this exhibition in the Ring House Gallery, these Japanese drawings will be permanently stored in University Collections' new Print Study Room, which is to be opened on 12 November 1981, between 3 and 6 p.m. This print and drawing storage and study area was made possible by the donation of the collection "Inuit Games and Contests" by the Clifford E. Lee Foundation in 1978. A matching grant from the Province of Alberta allowed construction of the facility in the Biological Sciences Building. It is hoped that students and scholars will use

this area to study the University's collection of prints and drawings. As well, it is hoped that private individuals will be encouraged to donate items to augment the collection.

The collection will remain on display in the Ring House Gallery until 20 November. The gallery hours are from 11 a.m. to 4 p.m. weekdays (until 9 p.m. each Thursday) and from 2 to 5 p.m. each Sunday. □

People
Helping
People
is the
United
Way



FOLIO

Volume Eighteen
Number Nineteen

All inquiries and correspondence should be directed to:

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The Office of Community Relations produces Folio on a weekly basis for the staff and other interested persons

ISSN 0015-5764
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John Dawson Newton, 1894-1981

John Dawson Newton, Professor Emeritus of Soil Science, passed away after a very brief illness on 6 October 1981. Soil microbiology was Dr. Newton's area of specialization and he was a faculty member of The University of Alberta for nearly forty years prior to his retirement in 1959.

Dr. Newton was a member of a rather remarkable Canadian family: his two brothers and two sisters as well as "J.D." himself were all graduates in agriculture from Macdonald College, Quebec, and all five of them had PhD's in an agricultural discipline.

During his career as a soil scientist, Dr. Newton made some very significant contributions. He played the key role in the discovery that sulphur deficiency in some Gray Wooded soils of Alberta (now called Gray Luvisols) greatly limited growth and yields of crops on those soils. The fertilizer program and cropping pattern developed at the Breton Plots, where the discovery was made, is now the basis of successful farming on millions of acres of Gray Luvisols—with great benefits to the farmers following those practices as well as to the economy of those districts and indeed of the country as a whole. While on assignments in Indonesia during the 1950s, Dr. Newton established that yields of peanuts, soybeans and other legume crops were limited by lack of adequate amounts of available molybdenum in some of that country's tropical soils. Less than a kilo per hectare of a molybdenum fertilizer resulted in marked increases in growth, yield and nitrogen fixation by those crops. Early in his career (1925) Newton had shown that the energy barley plants must expend to absorb water increases as the osmotic pressure of the solution in which they are growing increases. As a result of that early research on plant physiology, he annually studied development of salinization in parts of the irrigated area of southern Alberta for many years.

Dr. Newton's other activities



as a soil scientist were wide-ranging. During the 1930s he and a succession of graduate students investigated soil deterioration in the prairie provinces, from Edmonton to Winnipeg, and established that there had been large decreases in the organic matter and nitrogen contents of those soils during the twenty to thirty years that they had been farmed. As a soil microbiologist, he identified the effects of crops and cultural methods on the numbers of micro-organisms in soils at Edmonton identifying thereby the effects of such practices on nitrification and the supply of available nitrogen for crops. That led to the subsequent development of a method for determination of available nitrogen by a rapid test for ammonification. His work on sulphur deficiency which primarily affected legume crops led to research on the effectiveness of Rhizobia cultures for the inoculation of such crops with those beneficial organisms. Newton developed a superior procedure for production of legume inoculation cultures for Alberta crops and for several years thousands of bottles of such inoculants were produced each year for distribution to Alberta farmers by him and his associates in the Department of Soil Science. Newton was active in

two other microbiology areas. During the 1930s he and his students did pioneering work on the decomposition of some chemical weed killers and their effects on soils. He also studied non-symbiotic nitrogen fixation in some prairie province soils identifying, isolating and culturing some of the organisms involved.

The soils work of Dr. Newton included much in-the-field activity. He was involved in the Alberta Soil Survey from its inception until his retirement. He was also a vigorous participant in the extensive on-farm fertilizer experiments of the Department of Soil Science—field experiments that did a great deal to convince farmers of the need for and very attractive returns from recommended use of fertilizers. Many graduate students developed their interest in soil science from involvement in such field work.

Professionally, J.D. Newton was very active and highly regarded. For twelve years he was Head of the Department of Soil Science at The University of Alberta. He was a long-time member of the Agricultural Institute of Canada and he was the first President of the Canadian Society of Soil Science when that society was formed in 1954. He was made a Fellow of the CSSS in 1957. He served on two technical assistance assignments in Indonesia for the Food and Agriculture Organization.

Dr. Newton was a family man keenly interested in his hobbies. A professional as well as a hobby painter (he was a member of the Businessmen's Art Club of Vancouver and of the Western Artists Association), he did portraits of all of his grandchildren during his retirement. He was also an avid swimmer doing a quarter-mile three times a week throughout his retirement years. He enjoyed music and was himself a violinist.

Through his many students (especially his graduate students), Alberta, Canada, and the world continue to benefit from the contributions of Dr. J.D. Newton. □

Influx of Microcomputers Seen

The Hon. David King, Minister of Education, says he hopes the number of microcomputers in Alberta schools will triple in the next eighteen months.

Speaking to the Alberta Society for Computers in Education, at the Electronic Education Exposition '81, Mr. King said the projected increase reflects the realization by Alberta Education of the vital and expanding role of computer-assisted instruction and other computer applications.

"As a teaching tool and a communications tool, computers, when properly used, will aid teachers and free them to spend more time with individual students," Mr. King said.

To aid school boards in buying

microcomputers, he announced the government's plans to buy more than 1,000 microcomputers to be re-sold to school boards.

"An agreement has been negotiated with Bell & Howell to supply a 48K, dual-disk drive computer, complete with color monitor and printer, plus some software packages. These computers will be sold to boards by the School Book Branch at a substantial reduction from the ordinary market price.

"With this agreement we wish to establish a benchmark that, by price advantage, will encourage boards to invest in computers. However, we are not imposing this decision on local jurisdictions," added Mr. King.

Details of the proposal will be available to teachers and administrators in the next few weeks. This, and other computer projects, will be administered by Jim Thiessen in Alberta Education's newly-created office of Computer Technology.

Other computer initiatives taken by Alberta Education include:

- 1) preparation by the Curriculum Policies Committee of a draft computer literacy curriculum for elementary, junior high, and senior high grades. Target date for piloting is fall, 1982.
- 2) establishment of a basic hardware standard which allows all schools with this computer to use the same computer courses.
- 3) development of a computer

orientation and in-service program for teachers and administrators.

- 4) establishment of a clearinghouse of computer materials for schools. This clearinghouse will search the market for, buy and test computer programs written for schools and assist the production and distribution of courseware, so that top-quality software can be selected. □

*service
information*

Study of Non-Academic Staff Initiated

The Board of Governors, at its meeting of 5 December 1980, approved the following policy statement:

"The University wishes to ensure that within a reasonable period of time, representation of male and female employees in all job classifications will approximate the proportion of qualified and interested persons of both sexes available."

It was further agreed that administrative procedures be implemented to gather data and monitor the success of the policy implementation.

As a result of this, William M. Mercer Limited, a Human Resources consulting firm, was invited to submit a proposal. At its meeting of 7 August 1981, the Board of Governors on the recommendation of its Finance

Committee approved funding for the Mercer Proposal relating to "Equal Employment Opportunities Study—Status of Women."

Phase One of the Study will be an analysis of the Equal Employment Status and Employment systems of the University non-academic staff to determine whether or not inequities exist or are perceived to exist and, if so, the extent, nature and location of such problems.

Phase Two will be an "Equal Employment Opportunities Development Plan." This plan will be based on the findings in Phase One and will allow the University to monitor its effectiveness in this area. An assessment will be made at the end of Phase Two to determine whether or not to proceed with any or all of the remaining three phases.

R. Goldbeck, Training and Development Coordinator, Personnel Services and Staff Relations, has been assigned to assist the consultants for the duration of the Study. For further information, please contact Mr. Goldbeck at 432-5384. □

All information to be published under this rubric must be submitted to the Office of Community Relations no later than 9 a.m. the Thursday prior to publication.

Coming Events

Music

Department of Music Concerts
9 November. 8 p.m. Wind Ensemble Concert.

10 November. 8 p.m. Margaret Daly, flute. (A non-compulsory student recital).

12 November. 8 p.m. Art Song Interpretation.

13 November. 8:15 p.m. Western Board of Music Student Awards Recital.

15 November. 3 p.m. Edmonton Youth Orchestra, Michael Massey, conductor.

16 November. 8 p.m. St. Cecilia Orchestra Concert, Malcolm Forsyth, conductor.

17 November. 8 p.m. Bartok evening.

19 November. 5 p.m. Mildred Reintjes (a non-compulsory student recital).

19 November. 8 p.m. The University of Alberta String Quartet.

All performances in Convocation Hall.

Jubilee Auditorium

7 November. 2 p.m. ESO—630 CHED Family Concert. Tickets BASS.

8 November. 8 p.m. Montreal Symphony. Tickets BASS.

10 and 11 November. 8 p.m. Peking Opera of China. Tickets BASS.

12 November. 8 p.m. Philippine Bayanihan Dance Company. Tickets Mike's.

Structure Determination Laboratory

The Chemistry Department opened its new Structure Determination Laboratory this summer. It is a self-contained facility for single crystal X-Ray crystallography, equipped with an Enraf-Nonius CAD4 microprocessor controlled diffractometer for collection of diffraction data. This unit communicates with a DEC PDP-11/34 computer which is also used for the complete structure solution and refinement

procedure.

Richard Ball is the Director of the new laboratory. It has complete facilities for crystal examination and manipulation and will be adding a low temperature apparatus to the diffractometer. A mini symposium "X-Ray: Molecular Structure" was held in conjunction with the opening.*

*Reprinted from *Chemistry in Canada*, October (1981); pp. 6-7.

13 and 14 November. 8 p.m. ESO Main Series A and B. Prevost/Dvorak/Lalo/Shostakovich. Tickets BASS.
18 November. 8 p.m. Alberta Ballet Gala Benefit. Tickets BASS.

Musical Theatre and Improvisation for High School Students
Saturdays until 12 December.
9:30 a.m. to 4 p.m. Jasper Place Campus, Grant MacEwan Community College.

The South Side Folk Club
7 November. 8:30 p.m. Alain Lamontagne and the River City Ramblers. The Orange Hall, 104 Street and 84 Avenue. Tickets Keen Kraft Music and HUB.
14 November. 8 p.m. The McCalmans from Scotland, in concert. Provincial Museum Theatre. Tickets Mike's and HUB. Club information 478-6417.

The Brian Webb Dance Company
5, 6, and 7 November. 8 p.m. Grant MacEwan Theatre, Jasper Place Campus. Tickets BASS.

International Concert Series
12 November. King Singers of England, featuring music of the Auvergne, Madrigals, and works of Dvorak. For further information please contact: Alberta College Music Centre, 10041 101 Street, Edmonton, Alberta T5J 0S3.

Films

Edmonton Film Society
9 November. 8 p.m. International Series. "The Getting of Wisdom." SUB Theatre.
16 November. 8 p.m. Classic Series "Advise and Consent" TL-11.
18 November. 8 p.m. Cary Grant Series "Gunga Din" TL-11.

Edmonton Public Library
12 noon, Mondays. Brown Bag Cinema. Centennial Library Theatre. Free admission.

Children's Cinema
Saturdays at 10:30 a.m.
Showing in the Centennial Library Theatre. Free admission.

Jubilee Auditorium
5 November. 6 and 9 p.m. World Adventure Tours film: "Yugoslavia." Tickets BASS.
6 November. 8 p.m. "The Hawaiians." Tickets Inside Story.

Department of Germanic Languages
10 November. 7:30 p.m. "Der Schimmelreiter" 17 Arts Building.

Lectures and Seminars
Edmonton Association for Children With Learning Disabilities
Until 10 December. Programs of interest to Children, Fall, 1981. Music,

Drawing, Pottery, Film, Swimming. For more information call 426-5965.

Science Dining Club
18 November. 6 p.m. V.H. Paetkau (Biochemistry) on "Immunology is just complicated Chemistry" followed by a buffet dinner. Saskatchewan room, Faculty Club. For reservations phone Mrs. Arbuthnott 432-4765.

Limnology and Fisheries

Discussion Group
5 November. Noon. Dale Allen, Botany, "Problems in determining plant biomass in lakes."
12 November. Noon. Trefor Reynoldson, Alberta Environment, "Complexity vs. simplicity in lake management/factors controlling oligochaete population dynamics."
19 November. Noon. Mary Herdman, Zoology, "Perch production in an Alberta Lake." G 217 Biological Sciences Centre.

Department of Zoology
5 November. 1 p.m. G. Setterfield, Department of Biology, Carleton University, on "Factors controlling nuclear gross structure." G-114 Biological Sciences Building.
6 November. 3 p.m. A. French, Department of Physiology, on "Sensory transduction in insect mechanoreceptors." 345 Agriculture Building.
13 November. 3 p.m. J. Myers, Institute of Animal Resource Ecology, University of British Columbia, on "Influence of heterogeneity and food-plant quality on the dynamics of insect populations." 345 Agriculture Building.

Faculty of Extension
Edmonton Public Library
Continuing to 11 December. Friday Lunch-Time Lectures.
6 November. 12:15 p.m. "Canada and the Third World" with H. Roberts.
13 November. 12:15 p.m. "Canada and Africa." Speaker: R. McKown (Political Science).
20 November. 12:15 p.m. "Canada and China and Japan" with B. Evans. All lectures in Music Room, Edmonton Public Library.

Department of Slavic and East European Studies
10 November. 3:30 p.m. T.M.S. Priestly on "A Slovene village in Austria: (Psycho) Sociological factors involved in language variations." 311 Athabasca Hall.

Technocracy Inc.
10 November. 8 p.m. "The Integration of science and society in America." Purple Lounge HUB.

Department of Classics
5 November. 4 p.m. Gus Hermansen will give an illustrated talk on "Mars and Maris Revisited." Professor Emeritus Hermansen will review his book on the Roman god Mars written in 1940. 1-8 Humanities Centre.

Woodcroft Branch Library Writers' Series

6 November. 8 p.m. W.P. Kinsella and Edna Alford.
13 November. 8 p.m. Carolyn D. Redl-Hlus and Christopher Wiseman.
20 November. 8 p.m. Byrna Barclay and Robert Hilles.
Readings are downstairs in the Woodcroft Branch Library, 13420 114 Avenue.

CITL Seminars

9 to 13 November. A Series of Seminars on Improving University Teaching. For further information please contact Gary Kelly, Department of English, Humanities Centre.

Division of Continuing Medical Education

4 to 8 November. Emergency Symposium 1981, a conference designed for physicians, nurses and those involved in emergency care. Westin Hotel (formerly the Edmonton Plaza Hotel), 10135 100 Street. For more information, contact D. Milligan, 432-6349.

Department of English

12 November. 4 p.m. R.J. Berry on "The Text, the Title and the Context of Dryden's Fables Ancient and Modern." 5-20 Humanities Centre.

Alberta Association for Children and Adults with Learning Disabilities
5 and 6 November. "Learning Disabilities: Practical Perspectives." Edmonton Inn, 11830 Kingsway Avenue.

Department of Forestry

5 November. 3:30 p.m. R.P. Willington on "An industrial approach to forest planning." 849 GSB.
12 November. 3:30 p.m. H. Lewis on "Aboriginal versus cattleman uses of fire in the northern savannas of Australia." 849 GSB.
19 November. 3:30 p.m. J.R. Butler on "Hoaxes, frauds, and the scientist: a survey of famous and lesser known deceptions in the natural sciences." 849 GSB.

SUB Gallery

12 November. 12:30 p.m. Sarah Stanbaugh reading from her novel, *I Hear the Reaper's Song*.

Archaeological Survey of Alberta

18 November. 7:30 p.m. Jack Brink on "Prehistoric Peoples of Alberta's Mountains and Foothills." Chapel, Old St. Stephen's College, 8820 112 Street.

Centre for the Study of Mental Retardation

17 November. 3:30 p.m. Dirk J. Bakker of Free University, Amsterdam, on "Hemisphere-Specific Aetiology and treatment of Dyslexia." 107 Education South.

Department of Philosophy

5 November. 3:30 p.m. W.H. Newton-Smith, Oxford University, reading a paper entitled "Realism." L2 Humanities Centre.

Department of Mathematics Colloquium

5 November. 4 p.m. Joe Diestel, of Kent State University, on "Sequences and Series in Banach Spaces." Refreshments in the Staff lounge at 3:30 p.m. 657 Central Academic Building.

Department of Biochemistry

6 November. 4 p.m. Frederick Wedler of Pennsylvania University on "Subunit Interactions in Escherichia coli Glutamine Synthetase." 4-70 Medical Sciences Building.

University Research and Scholarship Informal Colloquium

13 November. 3 p.m. Speakers will be Vice-President (Research) J.G. Kaplan and R.J. Lévesque, Vice-President of the Natural Sciences and Engineering Research Council of Canada. Dr. Lévesque, in addition to his NSERC responsibilities, is Vice-Recteur à la Recherche at the University of Montreal, Chairman of the NRC-NSERC Advisory Committee on TRIUMF, and Chairman of the Board of the France-Canada-Hawaii Optical Telescope. V125 Physics Building.

Department of Art and Design

6 November. 2:30 p.m. Les Graff, Director of Visual Arts, Alberta Culture, will speak on "The Art Market in Alberta." 2-20 Fine Arts Building.

Department of Anthropology

6 November. 3:30 p.m. Andre Nitecki on "Reading African Art as Information." 14-6 H.M. Tory Building.
17 November. 3 p.m. George J. Gumerman of Southern Illinois University, on "Academic Programs in Public Archaeology." 13-15 H.M. Tory Building.
17 November. 8 p.m. George J. Gumerman with a slide lecture on "Archaeology in Paradise: Explorations in the far Western Pacific." 1-91 H.M. Tory Building.

Department of Botany

6 November. 2 p.m. George Setterfield, Carleton University, on "Development and Hybridization of plants using tissue culture." M-145 Biological Sciences Centre.
19 November. 4 p.m. E.C. Pielou, University of Lethbridge. *Title to be announced.* M-149 Biological Sciences Centre.

Department of Chemistry

Boomer Memorial Lectures
9 November. 11 a.m. "Optimization in Liquid Chromatography," with Georges Guichon of the Université "Pierre et Marie Curie" and the Ecole Polytechnique, Paris.
10 November. 4 p.m. "Preparation and Operation of Liquid Chromatography

Columns of Very High Efficiency." 11 November. 11 a.m. "Analysis of Polar Compounds in Heavy Fractions of Crude Oils." 12 November. 4 p.m. "Open Tubular Columns in Gas Chromatography—Theory and Practice." 13 November. 11 a.m. "Advances in Thin Layer Chromatography." Each of the lectures will take place in V107 Chemistry Centre.

Edmonton Region Association for Bright Children

Academic Competitions
15 November. 2 p.m. Speakers: G.J. Butler and Kay Melville. Chairman: Jerry Prach, President ERABC. Telephone 454-8796.

Faculty of Library Science
27 November and 4 December. One day workshops on construction, maintenance and use of authority files conducted by Andre Nitecki. For registration information call 432-5532 or 432-5061.

Alberta Poetry Festival
6 November. 8 p.m. "Voices in Alberta" features poetry of the Province, in five languages. Tickets BASS.

Exhibitions

Edmonton Public Library
Photographic Gallery
4 to 25 November. Paintings from the CIL Collection

Ring House Gallery
29 October to 20 November.
"MacEachran Collection: Oriental Drawings." These brush and wash drawings were collected by the University's first Provost, J.M. MacEachran before World War I. They were bequeathed to the University in 1971. 3 to 29 November. "German Expressionism." Wood cuts from the Art Gallery of Greater Victoria, augmented by books from The University of Alberta's Special Collections. Gallery hours: Weekdays: 11 a.m. to 4 p.m., Thursdays: 11 a.m. to 9 p.m., Sundays, 2 to 5 p.m.

SUB Art Gallery
6 to 24 November. Winnipeg artist Wanda Condon's paintings on plywood. New paintings of Jeffrey Spalding, Calgary. Gallery hours: Weekdays: 11 a.m. to 5 p.m.; Saturday and Sunday 1 to 5 p.m.

Alberta Status of Women Action Committee
6 November. 8 p.m. Opening reception for the exhibition "Towards defining a Woman's erotic Art" which continues until 27 November. Christl's Gallery. Phone 434-4465.

Municipal Library
Until 16 November. "Milosz Days." For those who missed this exhibition when it was shown at Rutherford Library in September.

Theatre

Citadel Theatre
Shoctor Stage
28 October to 22 November. *The Kite* by W.O. Mitchell.

Zeidler Hall
Until 6 November. J.R.R. Tolkien's *The Hobbit* adapted by Marielle Bernard. A production for young audiences by the puppet theatre group "Theatre Sans Fil."

Rice Stage
27 October to 15 November.
Tom Lehrer's *Tomfoolery*.

Theatre Network
12 to 22 November. *Rig* by Geoffrey Le Boutillier. 11845 77 Street. Until 30 November. 8 p.m. Theatre-sports; improvisational theatre games. All interested persons invited. Tickets and information at Theatre Network. Call 474-6111.

Matters of Faith

The University Parish
Weekly. Tuesdays at noon. Lunch and meditation in the Meditation Room. 158 Students' Union Building. *Thursday. 9:15 a.m.* Holy Eucharist (Anglican rite). St. Joseph's College Chapel. *Evenings.* Worship and community meal with discussion of topics of general interest. 158 Students' Union Building.

Understanding Catholicism
11 November. 7 p.m. "Prayer," with Fr. B. Inglis, CSB. Newman Centre, St. Joseph's College. 18 November. 7 p.m. "Catholic Moral Principles" with Fr. J. Gallagher, CSB. 24 November. 7 p.m. "Conversion and Reconciliation" with Fr. J. Madden, CSB. For more information, telephone Fr. Madden at 433-2275 or 433-1569.

Lutheran Campus Ministry
Worship
Sundays. 10:30 a.m. Throughout Academic Term. Room 158 SUB. *Tuesdays. 7:30 p.m.* Throughout the year. Lutheran Student Centre, 11122 86 Avenue.

Anniversary Banquet
7 November. 6 p.m. Speaker, Rev. Donald Johnson. Cost \$12. Reservations, Chaplains' office 432-4513.

Thanksgiving Service
8 November. 2:30 p.m. Convocation Hall. For more information call Stephen Larson 432-4513.

Sports

Volleyball
20-21 November. CWUAA, Varsity, West and Educational Gyms. 27-29 November. North-Am Tournament Varsity, West and Education Gyms.

Swimming
13 November. 5:30 p.m. University

of Calgary. West Pool. 27 November. 4:30 p.m. Time Trials for middle and distance events. West Pool.

Football
14 November. 2 p.m. WIFL Final. 21 November. Western Bowl.

Basketball
6 November. 3, 5, 7 and 9 p.m. 7 November. 1, 3, 7 and 9 p.m. 8 November. 9 a.m. and 1 p.m. Panda early season tournament. Varsity Gym. 8 November. 8 p.m. SAIT Trojans. Varsity Gym. 13-14 November. 8:30 p.m. UBC Thunderettes, Varsity Gym. 13-15 November. Klondike Classic Tournament, Varsity Gym.

Hockey
22 November. 2 p.m. University of Calgary Dinosaurs, Varsity Arena. 27 November. 7:30 p.m. University of Calgary, Varsity Arena.

Diving
13 November. University of Calgary, West Pool.

Radio and Television

Department of Radio and Television
Programs broadcast on CKUA radio (580AM/95FM). 6 November. 7:30 p.m. "Paper Tyger." International Copyright Law and Financial advice for Working Writers. 7 November. 7 p.m. "University Concert Hall." Music recorded from Convocation Hall.

Faculty of Extension
Legal Resource Centre
5 November. 9 p.m. "Victims of Crime." 19 November. 9 p.m. "Credit and Loans." These programs are to be broadcast as a pilot series and are produced in conjunction with Edmonton's QCTV. They will be aired on QCTV Cable 10.

Non-Credit Courses

Faculty of Extension
Negotiating the Collective Agreement
Date: 5 and 6 November. *Time:* 9 a.m. to 4:30 p.m. *Fee:* \$250 (inclusive of luncheons). For further information call 432-5066/67.

Motivating Subordinates
9 November. 9 a.m. to 4:30 p.m. *Fee:* \$100 (inclusive of materials and luncheons).

Preretirement Planning for Professionals
6 November. 7 p.m. to 9 p.m.

7 November. 9 a.m. to 4:30 p.m. *Fee:* \$125 single or \$195 couple (inclusive of course materials and luncheons).

Effective Communication and Work Direction

10 November. 9 a.m. to 4:40 p.m. *Fee:* \$100 (inclusive of materials and luncheons). For further information please call 432-5066 or 432-5067.

Computing Services

Client Training Sessions
Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

Computing Services

Documentation
Course number: 505. *Date:* 12 November. *Time:* 2 p.m. to 4 p.m. *Fee:* \$5. *Prerequisites:* none. *Place:* Seminar Room, 328 GSB.

Efficient File Editing

Course number: 475. *Date:* 10, 12, November. *Time:* 10 a.m. to noon. *Fee:* \$10. *Prerequisites:* MTS and Editor Fundamentals course, and a good working knowledge of the File Editor. *Place:* Courier Terminal Room, 327 GSB.

Introduction to Text Formatting

Course number: 491. *Date:* 16, 18, 20, 23, 25, and 27 November. *Time:* Noon to 2 p.m. *Fee:* \$15. *Prerequisites:* "MTS and Editor Fundamentals" and "MTS Overview" courses, and good working knowledge of the File Editor. *Place:* Seminar Room, 328 GSB.

Introduction to Computing

Course number: 460. *Date:* 16 November. *Time:* 11 a.m. to 1 p.m. *Fee:* \$5. *Prerequisites:* none. *Place:* DECwriter Terminal Room, 351 GSB.

MTS and Editor Fundamentals

Course number: 468. *Date:* 18 and 20 November. *Time:* 11 a.m. to 1 p.m. *Fee:* \$10. *Prerequisites:* Introduction to Computing, or equivalent knowledge of MTS. *Place:* DECwriter Terminal Room, 351 GSB.

MTS Overview

Course number: 483. *Date:* 17 and 19 November. *Time:* 11 a.m. to 1 p.m. *Fee:* \$10. *Prerequisites:* MTS and Editor Fundamentals. *Place:* Seminar Room, 328 GSB.

Devonian Botanic Garden

For more information and registration, telephone 987-3054.

House Plant—Understanding and Care

Date: 10 and 17 November. *Time:*

7 to 9 p.m. 19 and 26 November.
1 to 3 p.m. *Fee:* \$11.

Terrariums and Dish Gardens

Date: 14 or 18 November. *Time:*
1:30 p.m. to 3:30 p.m. *Fee:* \$16.

Faculty of Dentistry

*Types of Dental Cutting
Instruments, their Care and
Maintenance. And Physical
Fitness workshop for the
Dental Profession.*

Date: 7 November. *Place:* Calgary.

Dental Office Emergencies and their Management

Date: 14 November. *Place:* Grande
Prairie.

*The Design of Human teeth and
jaws, its relevance to Physiology
and Clinical Dentistry*

Date: 21 November. *Place:* Calgary.

PLATO Learning Centre

Introduction to PLATO

Course number: 6614. *Date:* 24 and
26 November, and 1, 3, 8, 10, 15 and
17 December. *Time:* 5 to 7 p.m. *Fee:*
\$110. *Prerequisites:* none. *Place:*
110 Corbett Hall, PLC.

Introduction to Programming in BASIC

Course number: 6605. *Duration:* 60
hours. *Time:* 8 a.m. to 11 p.m.
(Computer-managed independent study).
Fee: \$395. *Prerequisites:* none.
Place: 110 Corbett Hall (PLC).

Introduction to Data Processing for Managers

Course number: 6620. *Duration:* 7
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study)
Fee: \$55. *Prerequisites:* none. *Place:*
110 Corbett Hall.

Management by Objectives

Course number: 6621. *Duration:* 5
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$55. *Prerequisites:* none. *Place:*
110 Corbett Hall.

Directing Others

Course number: 6622. *Duration:* 7
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$70. *Prerequisites:* none. *Place:*
110 Corbett Hall.

Managerial Success

Course number: 6623. *Duration:* 16
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$195. *Prerequisites:* none. *Place:*
110 Corbett Hall.

Selling: The Psychological Approach

Course number: 6625. *Duration:* 15
hours. *Time:* 8 a.m. to 11 p.m.

(computer-managed independent study).
Fee: \$160. *Prerequisites:* none. *Place:*
PLC.

Resource Management

Course number: 6624. *Duration:* 16
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$80. *Prerequisites:* none. *Place:*
110 Corbett Hall PLC.

Supervisory Success

Course number: 6626. *Duration:* 7
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$80. *Prerequisites:* none. *Place:*
110 Corbett Hall PLC.

Time Management

Course number: 6627. *Duration:* 5
hours. *Time:* 8 a.m. to 11 p.m.
(computer-managed independent study).
Fee: \$70. *Prerequisites:* none. *Place:*
110 Corbett Hall PLC.

Notices

Faculty Members

A wine and cheese reception will be
held in the Faculty Club Wednesday,
18 November, at 4 p.m. Representa-
tives from Teachers' Co-op will be
available to answer questions about
how membership in this financial
cooperative can benefit you as an
educator. (Ask about the \$3,000
travel draw too.)

Parking—"X" Zone Northern Alberta Jubilee Auditorium Lot

Permit holders and others who park
in "X" Zone are reminded their permits
are not valid after 6 p.m. since the
contract between The University of
Alberta and the Northern Alberta
Jubilee Auditorium only authorizes
parking between 6 a.m. and 6 p.m.,
Monday through Friday.

A complaint has been received from
the Manager of the Auditorium that
vehicles are not clearing the lot,
contrary to posted instructions.

Any vehicle parked there after 6 p.m.
is liable to tag and tow by the City
of Edmonton Bylaw Authority, the
consequences thereof being more severe
than an infraction against University
parking regulations.

Operators are cautioned to remove
vehicles from "X" Zone by 6 p.m.
or face possible prosecution.

Radiation Safety Courses

The Radiation Control Committee is
planning to hold another Radiation
Safety Course for individuals using or
planning to use radioactive materials
at The University of Alberta.

The course is designed to give
individuals, primarily at the technician
level, some basic training in the safe
use of radioactive materials in the
laboratory. However, graduate
students, faculty members and other
interested persons are welcome.

The next course is scheduled to last

from 23 November to 1 December 1981.
Enrolment in the course is restricted
to fifteen people. Individuals interested
in attending the course can obtain
registration forms from the Radiation
Control Office by telephoning
432-5655. There will be a fee of \$1.50
per course participant to cover the
cost of training manuals.

Attention Parents

The Michener Park Day Care has
amalgamated with the Downtown Day
Care to form the Lansdowne Day
Care Centre. The new entity will
operate in the Lansdowne public
school, 12323 51 Avenue. For more
information, please telephone Carola
Massing at 432-1048.

Scholarships, Fellowships and Awards

Canadian Political Science Association—Parliamentary Internships

Donor: Canadian Political Science
Association. *Where tenable:* Canada.
Level: Graduate. *Field:* Social Sciences.
Value: \$8,000 approx. *Number:* Ten.
Duration: From September 1982 for
ten months. *Conditions:* Open to men
and women between the ages of
twenty-one and thirty-five. Should be
recent graduates in an appropriate field.
Closing date: 8 January 1982. *Further
information:* Robert J. Jackson,
Director, Parliamentary Internships
Programme, Arts Tower(Carleton
University, Ottawa, Ontario K1S 5B6.
Telephone (613) 231-6610).

Welch Foundation Scholarship 1983

Donor: International Union for
Vacuum Science, Technique and
Applications. *Where tenable:* Labora-
tories in the Federal Republic of
Germany, Austria, Canada, USA,
France, Hungary, The Netherlands, and
United Kingdom. *Field:* Vacuum
Science. *Value:* US \$7,000 approx.
Number: One. *Duration:* One year
from September 1982. *Conditions:*
Should have at least a bachelor's
degree; a doctoral degree is preferred.
Closing date: 15 April 1982. *Further
information:* Dr. J.P. Hobson, Division
of Electrical Engineering, Ottawa,
Ontario K1A 0R8.

Fellowships and Assistantships in Transportation 1982-83

Donor: Transport Canada. *Where
tenable:* Any Canadian university;
possibility of study abroad for doctoral
candidates. *Field:* Transportation.
Value: PhD Fellowships, \$10,000;
Master Fellowships, \$9,500; Master
Assistantships, \$9,000. *Duration:* Three
years; one year; one year. *Conditions:*
Candidates must be Canadian citizens
or permanent residents. *Closing date:*
12 January 1982. *Further information:*
Student Awards Office, Athabasca Hall,
or Strategic Policy Branch (TUP),

Transport Canada, Tower C, Place de
Ville, Ottawa, Ontario K1A 0N5.

NATO Fellowships 1982-83

Donor: North Atlantic Treaty
Organization. *Where tenable:* NATO
countries. *Level:* Graduate. *Value:*
Equivalent of BF130,000 plus air fare.
Duration: May 1982 to 31 December
1983. *Closing date:* 31 December 1981.
Further information: Royal Society of
Canada, 344 Wellington Street,
Ottawa, Ontario K1A 0N4.

Imperial Oil Graduate Research Fellowships

Donor: Imperial Oil Limited. *Level:*
Graduate. *Field:* Pure and applied
natural and exact sciences; social
sciences and the humanities. *Value:*
Annual stipend of \$7,000. *Duration:*
Three years. *Conditions:* People
working toward doctoral degrees.
Closing date: 1 February 1982. *Further
information:* Student Awards Office,
Athabasca Hall or Coordinator,
Graduate Research Fellowships,
Imperial Oil Limited, 111 St. Clair
Avenue West, Toronto, Ontario
M5W 1K3.

Positions Vacant

Psychologist

A Psychologist is required by the
Alberta Child Development and
Research Foundation. The person
must be experienced in testing. Child
Development Centre, #4 10121 82
Avenue, Edmonton. Telephone 439-7391.

Education Reference Librarian

The Herbert T. Coutts (Education)
Library of The University of Alberta
requires a Reference Librarian to
assist in reference, orientation and
instruction and computerized informa-
tion retrieval services. The successful
candidate will take responsibility for
collection development in one or more
subject areas, and assume responsibility
for one or more functions of the unit,
such as library instruction. Library
science degree required; education
degree or experience in an education
or social sciences library preferred.
Knowledge of French and some
reference experience desirable. Salary
according to experience and quali-
fications. Excellent fringe benefits,
removal grant. Applicants should send
curriculum vitae, transcripts of
academic record, and the names of
three references to Bruce Peel, Chief
Librarian, The University of Alberta,
Edmonton, Alberta T6G 2J8. Deadline
for receipt of applications is 20 Novem-
ber 1981. The University is an equal
opportunity employer.

Education Technical Services Librarian

The Herbert T. Coutts (Education)
Library of The University of Alberta
requires an Assistant to the Head for
Technical Services to coordinate and
direct the activities of one professional

librarian and twelve support staff in the Technical Services Unit. This person will be responsible for the supervision of the cataloguing of the audio-visual collection using UTLAS; for the cataloguing and management of SPIRES data bases for the thesis and curriculum guide collection, and for liaison with the central Cataloguing Division for book collections. The Technical Services Librarian also supervises the Orders/Serials and Materials Maintenance sections. Duties include some reference service. Library science degree, administrative experience in technical services and experience with automated cataloguing systems required; background in education or familiarity with audio-visual materials desirable. Salary according to experience and qualifications. Excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta. T6G 2J8. Deadline for receipt of applications is 20 November 1981. The University is an equal opportunity employer.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 30 October 1981.

Clerk (\$903.29-\$1,080.97)—Printing Services
 Duplicating Equipment Operator (\$903.29-\$1,080.97)—Mathematics
 Clerk Typist II (\$970.59-\$1,161.75)—Office of the Comptroller; Physical Plant—Vehicle Pool; Provincial Laboratory; Central Stores
 Clerk Steno II (\$970.59-\$1,161.75)—Surgery; Entomology; Botany; Forest Science
 Clerk Steno II/III (Part-time) (\$485.30-\$652.22)—Statistics and Applied Probability
 Data Entry Operator I (\$1,039.24-\$1,250.59)—Printing Services
 Switchboard Operator (\$1,006.94-\$1,204.82)—Provincial Laboratory
 Student Records Processing Clerk (\$1,080.97-\$1,304.43)—Nursing; Graduate Studies
 Admission Records Trainee (\$1,080.97-\$1,358.28)—Office of the Registrar
 Clerk Typist III (\$1,080.97-\$1,304.43)—Occupational Therapy; Art and Design; Vice-President (Academic); Administrative Services; English
 Clerk Steno III (\$1,080.97-\$1,304.43)—Pathology; Physics; Business Administration and Commerce; Computing Science (2 positions); Law; Pediatrics (Trust)
 Accounts Clerk (\$1,204.82-\$1,475.40)—Printing Services
 Medical Steno (\$1,204.82-\$1,475.40)—Medicine; Psychiatry
 Secretary (\$1,204.82-\$1,475.40)—Community Development; Administrative Services; Nursing
 Departmental/Executive Secretary (Trust) (\$1,358.28-\$1,673.30)—Dean of Medicine
 Assistant Buyer (\$1,358.28-\$1,673.30)—Purchasing
 Public Relations Assistant II (Trust) (\$1,358.28-\$1,673.30)—Extension—Legal Resource Centre
 Laboratory Assistant I I (\$903.29-\$1,080.97)—Entomology
 Laboratory Assistant II (\$970.59-\$1,161.75)—Provincial Laboratory
 Food Services Worker I (\$970.59-\$1,161.75)—Housing and Food Services
 Food Services Worker II (\$1,006.94-\$1,204.82)—Housing and Food Services
 Photo Printer II (\$1,080.97-\$1,304.43)—Technical Services—Photo Services
 Building Services Worker II (\$1,080.97-\$1,304.43)—Housing and Food Services; Building Services (Physical Plant)
 Animal Assistant I (\$970.59-\$1,161.75)—Provincial Laboratory of Public Health
 Programmer/Analyst III (Part-time) (\$1,084.35-\$1,352.90)—Psychology
 Food Services Worker III (\$1,161.75-\$1,417.51)—Housing and Food Services
 Farm Technician I (Dairy) (\$1,204.82-\$1,475.40)—Animal Science
 Building Services Worker III (\$1,204.82-\$1,475.40)—Physical Plant (Building Services)
 Civil Engineering Technician I (\$1,204.82-\$1,475.40)—Civil Engineering
 Audiovisual Technician I (\$1,204.82-\$1,475.40)—Audiovisual Media Centre
 Technician I/Technologist I (Trust) (\$1,204.82-\$1,747.33)—Pharmacy and Pharmaceutical Sciences
 Typographical Tradesman II (\$1,204.82-\$1,475.40)—Printing Services
 Food Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services
 Vehicle Operator (\$1,250.59-\$1,538.68)—Dispatch Distribution
 Partsman (\$1,304.43-\$1,604.63)—Physical Plant (Vehicle Pool)
 Maintenance Worker I (\$1,304.43-\$1,604.63)—Housing and Food Services
 Computer Operator I (\$1,304.43-\$1,604.63)—Computing Services
 Electron Microscope Technician II (Trust) (\$1,357.28-\$1,673.30)—Anatomy
 Research and Planning Analyst III (\$1,358.28-\$1,673.30)—Planning Office
 Photographer III (\$1,358.28-\$1,673.30)—Dentistry
 Laboratory Technologist I (\$1,417.51-\$1,747.33)—Provincial Laboratory
 Technologist I (Osteology) (\$1,417.51-\$1,747.33)—Anthropology
 Draftsman II (\$1,417.51-\$1,747.33)—Design and Construction
 Biochemistry Technologist I (Trust) (\$1,417.51-\$1,747.33)—Surgery
 Biochemistry Technologist (Trust, Term) (\$1,417.51-\$1,986.93)—Genetics
 Technologist I/II (Trust) (\$1,417.51-\$1,986.93)—Physiology; Genetics (Term)
 Dental Hygienist (Term) (\$1,475.40-\$1,822.73)—University Health Services

Electronics Technician II (\$1,475.40-\$1,822.73)—Physics
 Electronics Technician II/III (Trust) (\$1,475.40-\$2,077.14)—Computing Science
 Biology Technician III (\$1,538.68-\$1,904.82)—Genetics
 Administrative Assistant I (Job Analyst) (\$1,538.68-\$1,904.82)—Personnel Services and Staff Relations
 Administrative Assistant I (\$1,538.68-\$1,904.82)—President's Committee on Campus Reviews
 Maintenance Worker II (\$1,538.68-\$1,904.82)—Housing and Food Services
 Laboratory Technologist II (\$1,604.63-\$1,986.93)—Provincial Laboratory
 Nurse (\$1,604.63-\$1,986.93)—University Health Services
 Technologist II (\$1,604.63-\$1,986.93)—Soil Science; Botany
 Engineering Technologist III (\$1,673.30-\$2,077.14)—Operations and Energy Management
 Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services—Machine Shop
 Typographical Tradesman V (\$1,822.73-\$2,264.26)—Printing Services
 Programmer/Analyst II (\$1,822.73-\$2,264.26)—Office of Administrative Systems
 Interior Designer II (\$1,822.73-\$2,264.26)—Design and Construction

Operations Supervisor (\$1,986.93-\$2,474.27)—Computing Services
 Dental Technician IV (\$1,986.93-\$2,474.27)—Faculty of Dentistry
 Programmer/Analyst III (\$2,168.70-\$2,705.81)—Computing Services (Graphics); Physical Plant
 Electrician (\$2,527.20)—Physical Plant—Electrical Distribution
 Programmer/Analyst IV (\$2,538.69-\$3,242.93)—Office of Administrative Systems
 Balancing/Commissioning Foreman (\$2,830.53)—Physical Plant
 Electrical Foreman (\$2,830.53)—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk III (\$1,006.94-\$1,204.82)—Acquisitions
 Library Assistant I (\$1,080.97-\$1,304.43)—Cataloguing (4 positions); Acquisitions
 Library Assistant III (\$1,358.28-\$1,673.30)—Education
 Programmer/Analyst III (\$2,168.70-\$2,705.81)—Systems

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For rent—Office. Three rooms with reception area. 750 sq. ft. ground floor in highrise, near University Hospital. Will suit lawyers, architects, accountants. All utilities included. Ample parking. For appointment phone Mr. Andrews. 433-1676.
 For rent—Xmas to September. Furnished two bedroom apartment, three minutes walk to University. \$500. 433-3340.
 For rent—River view, overlooking golf course. Ideal flat for professional person/couple. Close downtown. Exquisite decor. Three bedrooms, sunroom, oak beams. \$780/month. By appointment only. 462-5267.
 For sale—S.W. Reduced. Excellent financing. Immediate possession. Five bedroom bungalow, 2½ baths, two fireplaces, double garage. Resi Richter 483-9432, 455-4135 Weber's.
 For sale—Mayfield. Three bedroom bungalow. Large lot. Good mortgage.

\$67,500. Resi Richter 483-9432, 455-4135 Weber's.
 For sale—Glenora. Reduced for quick sale. 1,380 sq. ft., three bedroom bungalow. Developed basement. Double garage. \$80,000 at 13½%. Resi Richter 483-9432, 455-4135 Weber's.
 For sale—Three, luxury, Riverbend condos. \$90,900 - \$144,900. Two bedrooms, appliances, balconies, pool, parking. Judy Chahley 436-5080, 435-2797 A.E. LePage.
 For rent/sale—North Garneau home. Three bedrooms, oak floors, developed basement. 439-7615.
 For rent—January, February, March 1982. Study Leave. Five appliances, three bedroom house. Garage. Parkallen. \$550 month. Evenings 436-0697.
 For sale—Lovely, four bedroom, two storey home, well located in Grandview, oak flooring. Three piece bath off master. "Wall" of windows faces back garden. Faye Lund, Block Bros. 436-4240.
 For sale—Elegant, open beam bungalow, overlooking scenic, treed valley in Riverbend. Separate dining room. Professionally developed basement. Large mortgage of \$89,000 14½% March 1985. Faye Lund, Block Bros. 436-4240.
 For sale—Belgravia. 3-4 bedroom, immaculate home, quiet location. Large yard. Excellent financing. Asking \$119,800. Call Christine Tenove 433-6554 evenings. Spencer.
 For rent—Furnished house. Aspen area. 10 Jan. - 1 May. 434-0415.
 For rent—Furnished, three bedroom

house. \$600 month. January through July 1982. One mile to University. 437-4130.

For sale—Close to University, 1,180' bungalow. Three bedrooms, good financing. Trish Klawe 435-7824, 436-0444, Royce Realty.

For sale—Rio Terrace. Four bedroom, two storey Perry, large lot. 487-0060.

For sale—By owner. Two bedroom house, University area. 437-0458 evenings.

For sale—Condominium. 10 minutes drive to University, 3 bdrm, 1½ bath, 5 appliances, 1,280 sq. ft. Mature landscaping, near bus and schools. Immediate possession, 10½% mortgage. 38 Ave - 106 St. \$63,000. 454-7545.

Accommodations wanted

Visiting physiologist requires room with some cooking facilities or small bachelor flat commencing 1 December or 1 January. Phone 432-6498.

Goods for sale

Antiques—Appraisals on video cassette or typewritten list. For insurance;

police identification; family division. Confidential advice on buying/selling; furniture; porcelain; jewellery; silver; Mary Goulden. 10437 142 St. 452-8549, 453-2008.

Miscellaneous Apple software games \$15+. Visicalc \$100. Celestron 8" telescope, tracker, eyepieces, accessories. \$2,000 complete. 482-6725. Firewood, 1/3 cords, from \$40. 454-3228 evenings.

For sale—Teak and leather chair. 439-2948.

Scott Superlite downhill ski boots, used one season. Ladies, 7½. \$60. 482-1155.

Alaskan, seal skin coat. Impeccable, size 13. Value \$4,000, offers. 452-7204. Private art collection for sale. Includes Gibbs, Trinidad, Bellefleur, Riopelle, Danby. 455-8011.

Adler manual typewriter. Best on the market. \$150 or best offer. 439-4170.

Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete

typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Calico Decorators. Interior/Exterior. Residential/commercial. Quality workmanship. Free estimates. Phone 436-6239.

Singing teacher, Eileen Turner. 439-4661. Typing on word processor. Call Darlene 452-1074.

Word processing service/Typing school/ Photocopier/Typewriter rental/ Mark 9, 8919 112 St. HUB Mall, 432-7936.

Select Introductions, unattached people, someone for everyone. 438-0134.

Dance music for all occasions, 439-3189.

English speaking children learn French, French speaking children learn English at The Bilingual Montessori Preschool, 5504 143 St. Mornings, afternoons, full days. Children 3-5. Phone 434-7702.

Wanted French tutor for grade eight student. Twice weekly at student's home. West end. Salary negotiable. Phone 487-1893 after 6 p.m.

Serendipity Shop



Gift items—pottery, toys antiques, Christmas decorations, mirrors, picture framing.

Hours: 10 - 5. Closed Mondays
9860 90 Avenue
433-0388

For Sale

Garneau—Three bedroom, two storey, \$70,000, 1st mortgage 15% Very nice condition with double garage

McKernan—Three bedroom, semi-bungalow \$77,900
Fix-me-up special, walking distance to U of A



Ed Lastiwka 437-4984

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